GE
Lighting Solutions

Industrial Lighting

Minimite™ (MMI & MML)

imagination at work

Product Features

GE Indoor Lighting luminaires are designed to produce optimum illumination from the lamp, optical system and ballast, while providing specific light patterns for specific applications. These reliable systems help to improve safety and energy savings, while enhancing productivity and efficiency, to put your industrial workplace in the best possible light.

Applications

- Low mounting height 8-20 ft (2-6 meter) applications, parking garages, aisles, entranceways, catwalks, warehouses (low ceilings) and other areas with existing incandescent circuits

Housing

- Heavy-duty die-cast aluminum ballast housing

Finish

- Polyester powder gray paint finish

Ratings

- 1598 Listed Suitable for Damp or Wet Locations depending on mounting receptacle used
- Enclosed units UL1598 Listed for metal halide lamps in polymeric lamp containment barriers
- Listed to Canadian standards & codes

Mounting

- Primary quick disconnect for easy mounting

Reflectors

- Alzak finish on reflector

Unique Features

- Precision-designed refractor for low brightness
- Mogul base socket - E39 standard
- Safety chain provisions
- Shipped as components: Ballast, Optical, Mounting, Receptacle
- Magnapack available for ballast
- Pulse start system for metal halide available

Ordering Number Logic

Minimite™ (MMI & MML)

MMI

MML

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PROD. ID	WATTAGE	LIGHT SOURCE	VOLTAGE	BALLAST TYPE	AMBIENT °C	OPTICAL REFRACTOR	MOUNTING RECEPTICAL	OPTIONS
MMI = Minimite Luminaire **MML** = Minimite Luminaire with 16 inch diameter optical	**07** = 70 **10** = 100 **15** = 150* (55V) **17** = 175 **25** = 250 *150 Watt Pulse MH must use a wet location monthly	**E** = Energy Act Compliant Pulse MH (EPMH) **S** = HPS **K** = Ceramic MH **P** = Pulse Start MH	**60Hz** **0** = 120/208/240/277 MULTIVOLT **1** = 120 **2** = 208 **3** = 240 **4** = 277 **5** = 480 **D** = 347 **F** = 120X347 **T** = 220 **50Hz** **6** = 220 **Y** = 240	See Ballast Selection Table **A** = Autoreg **G** = Mag-Reg with Grounded Socket Shell **H** = HPF Reactor or Lag **K** = Hot Restart **M** = Mag-Reg	See Photometric Selection Table **X** = Ambient determined by Optical	See Photometric Selection Table **E5A** = Enclosed Type 5 Acrylic **E5G** = Enclosed Type 5 Glass (Cannot be used with MML) **V2A** = Open Type 2 Acrylic **V5A** = Open type 5 Acrylic **Note:** Do not use open opticals with lamps specified for use in enclosed fixtures.	**1** = Ceiling (MPM-C) (DAMP LOCATION) **2** = 3/4-in. Pendant, Rigid (MPM-3PR)* (DAMP LOCATION) **3** = 3/4-in. Pendant, Rigid (MPM-3PRW)* (WET LOCATION) **4** = 3/4-in. Pendant, Rigid, with Thru Feed, (MPM-3PRTFW)* (WET LOCATION) **5** = 3/4-in. Pendant, Flexible (MPM-3PF) (DAMP LOCATION) **6** = Outlet Box Cover (MPM-OBC) (DAMP LOCATION) **7** = Angled Stanchion Mount (MPM-5ASW) (WET LOCATION) **8** = Wall Bracket with Thru Feed, (MPM-W3TFW) (WET LOCATION) **9** = Wall Bracket (MPM-WW) (WET LOCATION) ***NOTE:** Flexible pendant mounting receptacle must be used if unit is not rigidly mounted or fixture will not hang straight.	**B** = Time Delay Automatically Switched Quartz **F** = Fusing ***(Not available with multivolt)*** **Q** = Non-Time Delay Automatically Switched Quartz

Photometric Selection Table

MINIMITE-MMI

Wattage	Light Source	Optical Refractor	Maximum Ambient	Spacing Criteria or IES Distribution Type	Photometric Curve
70,100*	PMH	E2A,S	40C	SN2, ASYM	179124
70,100*	PMH	E5A,S	40C	1.3, SYM	179123
70,100*	PMH	E5G	55C	1.2, SYM	176686
175, 250	EPMH	E5G	40C	1.2, SYM	176686
175, 250(Coated)	EPMH	E5G	40C	1.3, SYM	176683
70,100*	Cer,MH	E2A,S	40C	SN2, ASYM	179124
70,100*	Cer,MH	E5A,S	40C	1.3, SYM	179123
70,100*	Cer,MH	E5G,S	55C	1.2, SYM	176686
150*	P(MH)	E2A,S	40C	SN2, ASYM	179124
150*	P(MH)	E5A,S	40C	1.3, SYM	179123
150*	P(MH)	E5G	40C	1.2, SYM	176686
70,100.150(55V)	HPS	E2A,S	40C	MN2, ASYM	177158
70,100.150(55V)	HPS	E5A,S	40C	1.9, SYM	176025
70,100.150(55V)	HPS	E5G	55C	1.1, SYM	176684
70,100.150(55V)	HPS	V5A	55C	2.0, SYM	175620

* Medium base socket (lamp not included)
Note: ASYM = Asymmetrical; SYM = Symmetrical C/F = Call Factory

MINIMITE-MML

Wattage	Light Source	Optical Refractor	Spacing Criteria or IES Distribution Type	Maximum Ambient	Photometric
175,250	EPMH	E5A	1.3, SYM	40C	178247
175,250(Coated)	EPMH	E5A	1.5, SYM	40C	178251
175,250	EPMH	E2A	MN2, ASYM	40C	178274
70,100.150(55V)	HPS	E5A	1.4, SYM	40C	178243
250	HPS	E5A	1.4, SYM	40C	178255
250	HPS	E2A	LN2, ASYM	40C	178276

Note: ASYM = Asymmetrical; SYM = Symmetrical C/F = Call Factory

Exclusionary base socket is available for use with Metal Halide lamps in open fixtures to comply with NEC 2005 regulations (GELS "S" Option). Customer should consult or review local electrical codes for compliance.

Ballast Selection Table

MINIMITE (MMI & MML)

Wattage	Light Source	Ballast Type / Voltage 60HZ Multivolt	120, 208 240, 277 480	347	120 x 347	220	50HZ 220	230	240	380
70	HPS	**H,K**	**G,H**,K,M**	**G,H,K**	**G,H,K**	N/A	N/A	M	N/A	N/A
100	HPS	**H,K**	**G,H**,K,M**	**G,H,K**	**G,H,K**	N/A	**H,M**	**H,M**	**H**	N/A
150(55V)	HPS	**H,K**	**G,H**,K,M**	**G,H,K**	**G,H,K**	**A**	**H**	**H**	**H**	N/A
70*	Cer, MH	**H**	**H**	**H**	N/A	N/A	N/A	N/A	N/A	N/A
100*	Cer, MH	**H**	**H**	**H**	N/A	N/A	N/A	N/A	N/A	N/A
70*	PMH	**H**	**H**	**H**	N/A	N/A	N/A	N/A	N/A	N/A
100*	PMH	**H**	**H**	**H**	N/A	N/A	N/A	N/A	N/A	N/A
PULSE START METAL HALIDE LIGHT SOURCE BALLAST SELECTION TABLE										
150*	EPMH	N/A	**H****	**H**	N/A	N/A	N/A	N/A	N/A	
175	EPMH	N/A	**A**	**A**	**A**	N/A	N/A	N/A	N/A	
250	EPMH	**A**	**A**	**A**	**A**	N/A	N/A	N/A	N/A	

MML MINIMITE

Wattage	Light Source	Ballast Type / Voltage 60HZ Multivolt	120, 208 240, 277 480	347	120 x 347	220	50HZ 220	230	240	380
70	HPS	**H,K**	**G,H**,K,M**	**G,H,K**	**G,H,K**	N/A	N/A	M	N/A	N/A
100	HPS	**H,K**	**G,H**,K,M**	**G,H,K**	**G,H,K**	N/A	**H,M**	**H,M**	**H**	N/A
150(55V)	HPS	**H,K**	G,H**,K,M	G,H,K	G,H,K	A,M	H	H	H	N/A
250	HPS	**A**	**A**	**A**	**A**	N/A	**H**	**H,A**	**H,A**	N/A
70*	Cer, MH	**H**	**H**	**H**	N/A	N/A	N/A	N/A	N/A	N/A
100*	Cer, MH	**H**	**H**	**H**	N/A	N/A	N/A	N/A	N/A	N/A
70*	PMH	**H**	**H**	**H**	N/A	N/A	N/A	N/A	N/A	N/A
100*	PMH	**H**	**H**	**H**	N/A	N/A	N/A	N/A	N/A	N/A
PULSE START METAL HALIDE LIGHT SOURCE BALLAST SELECTION TABLE										
150*	EPMH	N/A	**H****	**H**	N/A	N/A	N/A	N/A	N/A	N/A
175	EPMH	N/A	**A**	**A**	**A**	N/A	N/A	N/A	N/A	N/A
250	EPMH	**A**	**A**	**A**	**A**	N/A	N/A	N/A	N/A	N/A

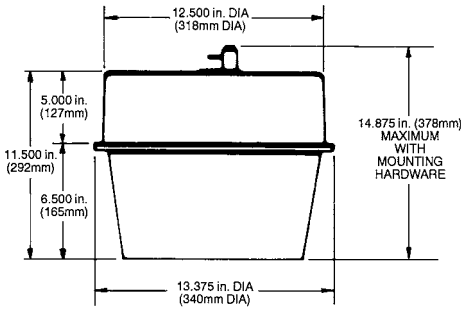
NOTE: N/A = Not Available
* Medium base socket (Lamp not included
** 480 Volt not available

CANADIAN NOTES:
1. "A" ,Autoreg, and "H", HPF available 120, 277 or 347 volts only
2. 208, 240, and 480 volts require CWI ballast. Use "G" when available. Contact factory for all others.
3. Multivolt not available.
4. "K" Hot Restart not available.
5. 208, 240 and 480 volts with "G" ballast not available with switched quartz.

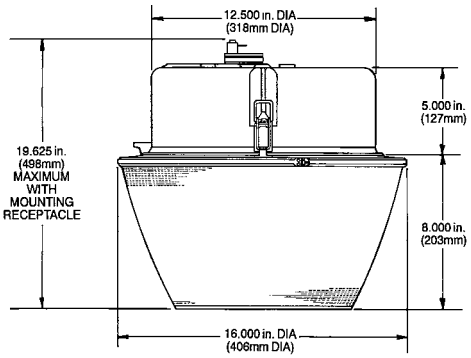
Product Dimensions

NOTE: Flexible pendent mounting receptacle must be used if unit is not rigidly mounted.

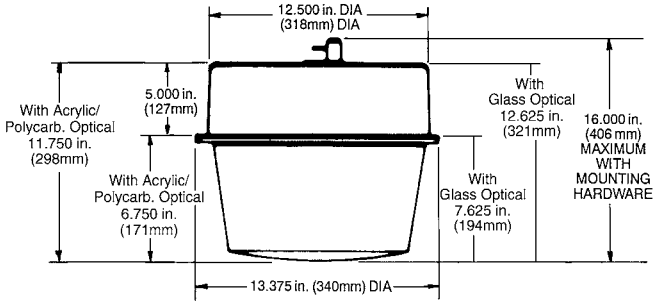
MMI Open



MML



MMI Enclosed



DATA

- Approximate Net Weight Ballast and Optical: 20-32 lbs (9-15 kgs)

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